

Version with markings to show changes made

In the specification:

Please amend the paragraph beginning on page 39, line 25 as follows:

Also, what is shown in Fig. 9 is [of] an example in which the liquid-crystal display unit having a flexible property described in this specification is attached onto a front portion of a windshield of an [airplane] vehicle. Also, what is shown in Fig. 10 is an example in which the liquid-crystal display unit having a flexible property described in this specification is attached onto a front portion of a windshield of an airplane.

In the claims:

Claim 5, 11, 15, 19, 23, 27, 33, 39, 43, 47, 51, 52, 55 and 56 have been cancelled.

Claims 64 to 87 have been added.

Claims 1, 2, 7, 8, 13, 17, 21, 25, 29, 35, 36, 41, 45, 49, 53, and 57, have been amended as follows:

1. (Amended) A display unit of a helmet comprising:  
a pair of transparent substrates comprising a resin,  
each of said transparent substrates having a curved surface; and  
a pixel thin film transistor provided over one of said transparent substrates and comprising a source region and a drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween[;], [and

a layer comprising a liquid crystal provided between said transparent substrates to provide said helmet with a shield comprising said layer and said transparent substrates,

wherein information is displayed on said shield, and]

wherein at least said channel formation region contains hydrogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times 10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ ,

wherein said helmet is provided with a shield; and

wherein said display unit is provided over said shield.

2. (Amended) The unit of claim [1] 64 wherein said information comprises a speed.

7. (Amended) A display unit of a helmet comprising:  
a pair of transparent substrates comprising a tempered glass, each of said transparent substrates having a curved surface; and

a pixel thin film transistor provided over one of said transparent substrates and comprising a source region and a drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween[;], [and

a layer comprising a liquid crystal provided between said transparent substrates to provide said helmet with a shield comprising said layer and said transparent substrates,

Wherein information is displayed on said shield, and]

wherein at least said channel formation region contains hydrogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times 10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ ,

wherein said helmet is provided with a shield; and  
wherein said display unit is provided over said  
shield.

8. (Amended) The unit of claim [7] 65 wherein said information comprises a speed.

13. (Amended) A display unit of a vehicle comprising:  
a pair of transparent substrates comprising a resin,  
each of said transparent substrates having a curved surface; and  
a pixel thin film transistor provided over one of said transparent substrates and comprising a source region and a drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween[;], and

a layer comprising a liquid crystal provided between said transparent substrates to provide said vehicle with a front glass comprising said layer and said transparent substrates,

Wherein information is displayed on said front glass,  
and]

wherein at least said channel formation region contains hydrogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times$

$10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ ,

wherein said vehicle is provided with a front glass;

and

wherein said display unit is provided over said front glass.

17. (Amended) A display unit of a vehicle comprising:  
a pair of transparent substrates comprising a tempered glass, each of said transparent substrates having a curved surface; and

a pixel thin film transistor provided over one of said transparent substrates and comprising a source region and a drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween[;], [and

a layer comprising a liquid crystal provided between said transparent substrates to provide said vehicle with a front glass comprising said layer and said transparent substrates,

Wherein information is displayed on said front glass,  
and]

wherein at least said channel formation region contains hydrogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times 10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ ,

wherein said vehicle is provided with a front glass;

and

wherein said display unit is provided over said front glass.

21. (Amended) A display unit of an airplane comprising:  
a pair of transparent substrates comprising a resin,  
each of said transparent substrates having a curved surface; and  
a pixel thin film transistor provided over one of said  
transparent substrates and comprising a source region and a  
drain region and a channel formation region and a gate  
electrode, said channel formation region provided between said  
source region and said drain region, said gate electrode  
provided adjacent to said channel formation region with a gate  
insulating film therebetween[;], and  
a layer comprising a liquid crystal provided between  
said transparent substrates to provide said airplane with a  
front glass comprising said layer and said transparent  
substrates,

Wherein information is displayed on said front glass,  
and]

wherein at least said channel formation region  
contains hydrogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  
 $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times$   
 $10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a  
density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ , and

wherein said airplane is provided with a front glass;  
and

wherein said display unit is provided over said front  
glass.

25. (Amended) A display unit of an airplane comprising:

a pair of transparent substrates comprising a tempered glass, each of said transparent substrates having a curved surface; and

a pixel thin film transistor provided over one of said transparent substrates and comprising a source region and a drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween[;], and

a layer comprising a liquid crystal provided between said transparent substrates to provide said airplane with a front glass comprising said layer and said transparent substrates,

Wherein information is displayed on said front glass, and]

wherein at least said channel formation region contains hydrogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times 10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ , and

wherein said airplane is provided with a front glass;  
and

wherein said display unit is provided over said front glass.

29. (Amended) A helmet comprising:

a shield;

a pair of transparent substrates comprising a resin provided over said shield, each of said transparent substrates having a curved surface; and

a pixel thin film transistor provided over one of said transparent substrates and comprising a source region and a drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween[;], [and

a layer comprising a liquid crystal provided between said transparent substrates to provide said helmet with a shield comprising said layer and said transparent substrates,

Wherein information is displayed on said shield, and]

wherein at least said channel formation region contains hydrogen and halogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times 10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ .

30. (Amended) The helmet of claim [29] 70 wherein said information comprises a speed.

35. (Amended) A helmet comprising:

a shield;

a pair of transparent substrates comprising a tempered glass provided over said shield, each of said transparent substrates having a curved surface; and

a pixel thin film transistor provided over one of said transparent substrates and comprising a source region and a drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode

provided adjacent to said channel formation region with a gate insulating film therebetween[;], [and

a layer comprising a liquid crystal provided between said transparent substrates to provide said helmet with a shield comprising said layer and said transparent substrates,

Wherein information is displayed on said shield, and]

wherein at least said channel formation region contains hydrogen and halogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times 10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ .

36. (Amended) The helmet of claim [35] 71 wherein said information comprises a speed.

41. (Amended) A vehicle comprising:

a front glass;

a pair of transparent substrates comprising a resin provided over said front glass, each of said transparent substrates having a curved surface; and

a pixel thin film transistor provided over one of said transparent substrates and comprising a source region and a drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween[;], [and

a layer comprising a liquid crystal provided between said transparent substrates to provide said vehicle with a front glass comprising said layer and said transparent substrates,



Wherein information is displayed on said front glass,  
and]

wherein at least said channel formation region contains hydrogen and halogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times 10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ .

45. (Amended) A vehicle comprising:

a front glass;

a pair of transparent substrates comprising a tempered glass provided over said front glass, each of said transparent substrates having a curved surface; and

a pixel thin film transistor provided over one of said transparent substrates and comprising a source region and a drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween[;], [and

a layer comprising a liquid crystal provided between said transparent substrates to provide said vehicle with a front glass comprising said layer and said transparent substrates,

Wherein information is displayed on said front glass,  
and]

wherein at least said channel formation region contains hydrogen and halogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times 10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ .

49. (Amended) An airplane comprising:

a front glass;

a pair of transparent substrates comprising a resin provided over said front glass, each of said transparent substrates having a curved surface; and

a pixel thin film transistor provided over one of said transparent substrates and comprising a source region and a drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween[;], [and

a layer comprising a liquid crystal provided between said transparent substrates to provide said airplane with a front glass comprising said layer and said transparent substrates,

Wherein information is displayed on said front glass, and]

wherein at least said channel formation region contains hydrogen and halogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times 10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ .

53. (Amended) An airplane comprising:

a front glass;

a pair of transparent substrates comprising a tempered glass provided over said front glass, each of said transparent substrates having a curved surface; and

a pixel thin film transistor provided over one of said transparent substrates and comprising a source region and a

drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween[;], [and

a layer comprising a liquid crystal provided between said transparent substrates to provide said airplane with a front glass comprising said layer and said transparent substrates,

Wherein information is displayed on said front glass, and]

wherein at least said channel formation region contains hydrogen and halogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times 10^{16}$  to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ .

57. (Amended) A semiconductor device comprising:

a flexible substrate;

a base film provided over said flexible substrate; and

[a thin film integrated circuit comprising] a thin film transistor provided over said base film and comprising a source region and a drain region and a channel formation region and a gate electrode, said channel formation region provided between said source region and said drain region, said gate electrode provided adjacent to said channel formation region with a gate insulating film therebetween,

wherein at least said channel formation region contains hydrogen atoms at a density of  $1 \times 10^{15}$  to  $1 \times 10^{20}$  atoms  $\text{cm}^{-3}$ , and contains carbon and nitrogen atoms at a density of  $1 \times 10^{16}$

to  $5 \times 10^{18}$  atoms  $\text{cm}^{-3}$ , and contains oxygen atoms at a density of  
 $1 \times 10^{17}$  to  $5 \times 10^{19}$  atoms  $\text{cm}^{-3}$ .